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**FACSIMILE COVER SHEET**

DATE: August 25, 2006

TO: Commissioner for Patents

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FACSIMILE NO.: (571) 273-8300

FROM: Margaret A. Pruitt for Chandran Kumar Reg. No. 48,679

REFERENCE: Serial No.: 10/796,256  
Atty. Docket No. 414-35025-US  
Deposit Account: 02-0429(414-35025-US)

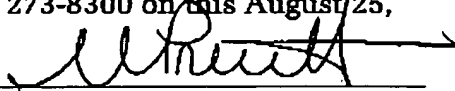
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Enclosed are the following documents for filing:

1. Response to Office Action mailed May 25, 2006.

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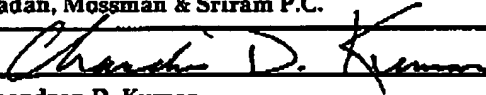
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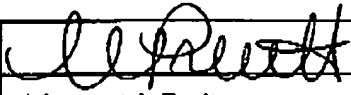
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/796,256
	Filing Date	March 9, 2004
	First Named Inventor	Volker Krueger et al.
	Art Unit	3672
	Examiner Name	Nicole A. Coy
	Attorney Docket Number	414-35025-US
Total Number of Pages in This Submission		12

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Madan, Mossman & Sriram P.C.	
Signature		
Printed name	Chandran D. Kumar	
Date	August 25, 2006	Reg. No. 48,679

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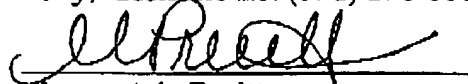
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Margaret A. Pruitt**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Krueger et al.

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Group Art Unit: 3672

SERIAL NO.: 10/796,256

Examiner: Nicole A. Coy

FILED: March 9, 2004

Atty. Docket: 414-35025-US

TITLE: "Apparatus and Method of  
Controlling Motion and Vibration of an  
NMR Sensor in a Drilling BHA"

Confirmation No.: 2388

MS: AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**RESPONSE TO THE FINAL OFFICE ACTION DATED MAY 25, 2006**

This is in response to the Final Office Action, dated May 25, 2005 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 8.

Conclusion begins at page 10.